

“A system for permitting a user to access data on a legacy system and an intranet... wherein the data at the legacy system is formatted in a legacy based protocol that is incompatible with communication via an internet browser both at the legacy system and when being communicated to the user.”

Support for the amended language can be found throughout the specification and in US Pat. App. 09/343,815 (now Pat. 6,738,815). Specifically, paragraphs 0003 and 0040 state that technicians can only access legacy information using custom software (i.e. not a web browser) and that they must remain logged into the TechNet system and toggle between the web browser and the TechNet system to access web formatted data and legacy (TechNet) formatted data, respectively (i.e. the legacy data can not be transmitted over the web browser. If it could, the web browser would then destroy any need for the TechNet system).

In addition, the referenced patent application states that the Craft Access System/TechNet provides access to the legacy systems (Col. 1-3). Further, Mobitex is disclosed as a transmission protocol between the TechNet interface and the user's laptop. (Col. 6, l. 23-26).

### 103 Rejections

Claims 1, 6, 11 and 13 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Willis, Jr. et al. (US Pat. No. 6, 738,815) in view of Profit, Jr. et al. (US Pat. No. 6,636,831). Claims 1, 6, 11 and 13 are also rejected as being unpatentable over Willis in view of Breneman (US Pat. 5,974,135).

Claims 2, 3, 7, 14, 15-17 and 19 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Willis and Profit and further in view of Stone et al. (US Pat. No. 6,101,510).

Claim 5 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Willis in view of Butts et al. (US Pat. No. 6,233,541).

Claims 8, 9, and 12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Willis in view of Devine.

Claims 18 and 20-22 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Willis and Stone in view of Devine et al., (US Pat. No. 6,598,167).

In the claims

1. (Currently Amended) A system for permitting a user to access data on a legacy system and an intranet, comprising:
  - a systems interface coupled to the legacy system,
  - wherein the systems interface comprises at least one network address that can be accessed by a computer over a communication network,
  - and further comprises a protocol server for managing protocol regarding the computer interfacing with a transaction server in direct communication with the legacy system, and
  - wherein the system[[s]] interface is adapted to direct communications from the computer from the at least one network address to a separate network address corresponding to the intranet that is distinct from the legacy system by the protocol server, bypassing the transaction server by directing communications from the computer directly to the intranet and wherein ~~at least one of the data at the intranet and the data at the legacy system is non-web~~ formatted in a legacy based protocol that is incompatible with communication via an internet browser both at the ~~respective intranet or~~ legacy system and when being communicated to the user.
2. (Original) The system of claim 1, wherein the systems interface sends a command for the computer to launch a browser in order to route communications from the computer to the intranet.
3. (Original) The system of claim 2, wherein the command comprises an application program interface command.
4. (Cancelled)
5. (Previously Presented) The system of claim 1, wherein the at least one network address comprises a first IP address corresponding to the protocol server and a second IP address corresponding to the transaction server, and wherein the separate network address comprises a third IP address.

6. (Previously Presented) The system of claim 1, wherein the transaction server sends a command to the protocol server to direct the computer to the separate network address in order to direct communications from the computer to the intranet.
7. (Previously Presented) The system of claim 1, wherein the systems interface sends at least one command for the computer to launch a browser and for the protocol server to direct the computer to the separate network address in order to direct communications from the computer to the intranet.
8. (Previously Presented) The system of claim 1, wherein the computer is running application-specific client software to enable the computer to access the data from the legacy system, comprising a browser to be launched at the computer to direct communications from the computer to the intranet, and wherein the browser is displayed at the computer as an active window with the application-specific client software being minimized or hidden behind the active window.
9. (Previously Presented) The system of claim 8, wherein the computer is logged into the systems interface using the application-specific client software, and wherein the computer remains logged into the systems interface and the application-specific client software remains an active application after the communications are directed to the intranet.
10. (Previously Presented) The system of claim 1, wherein the computer is running application-specific client software to access the data from the legacy system, wherein the application-specific client software is presenting a GUI page to the user, and wherein the GUI page includes an icon or software button that can be selected or engaged by the user to initiate the directing.

11. (Currently Amended) A system for permitting a user to access data, comprising:  
a computer operable by the user to access information ~~from~~ from a legacy system;  
and means for providing an interface between the computer and the legacy system, the  
means having at least a first network address, at least one protocol server for managing  
protocol with the computer, and a transaction server in ~~direction~~ communication[[s]] with  
the legacy system,

wherein the means for providing an interface is adapted to direct communications  
from the computer from the first network address to a second network address providing  
access to an intranet, that is distinct from the legacy system in response to a user input by  
the protocol server bypassing the transaction server by directing communications from  
the computer directly to the intranet and wherein at least some of the data on the legacy  
system ~~and some of the data on the intranet is non-web-formatted in a legacy based~~  
protocol that is incompatible with communication via an internet browser both at the  
respective ~~intranet or~~ legacy system and when being communicated to the user.

12. (Original) The system of claim 11, wherein the user input comprises engagement  
of a software key by the user.

13. (Previously Presented) The system of claim 11, wherein the at least one  
transaction server receives requests and generates legacy system transactions.

14. (Previously Presented) The system of claim 13, wherein the means for providing  
an interface issues at least one command that causes the computer to launch a browser  
and that causes the at least one protocol server to direct the computer from the first  
network address to the second network address.

15. (Currently Amended) A method for accessing data, comprising:  
logging a computer onto a systems interface that permits remote access of legacy  
systems and that comprises a protocol server for managing protocol with the computer  
and a transaction server in direct communication with the legacy system and the protocol  
server;

accessing the systems interface at a first network address initially and persistently;  
providing a user input at the computer for accessing an intranet that is distinct  
from the legacy systems;

launching a browser in response to a command from the systems interface; and  
accessing the intranet separately from the legacy systems at a separate network  
address by the protocol server, bypassing the transaction server by directing  
communications from the computer directly to the intranet upon detecting the launch of  
the browser at the computer and wherein at least some of the data on the legacy system  
~~and some of the data on the intranet is non-web-formatted in a legacy based protocol that~~  
is incompatible with communication via an internet browser both at the respective  
~~intranet or~~ legacy system and when being communicated to the user.

16. (Previously Presented) The method of claim 15, wherein the transaction server is  
adapted to receive requests and generate legacy transactions, and wherein the transaction  
server has a second network address.

17. (Previously Presented) The method of claim 16, wherein the computer is logged  
into the protocol server.

18. (Original) The method of claim 16, wherein the step of providing a user input  
comprises one of selecting an icon and engaging a software button.

19. (Previously Presented) The method of claim 16, wherein the command comprises  
an application program interface command issued by the protocol server or the  
transaction server.

20. (Original) The method of claim 15, further comprising the step of displaying a  
technician home page corresponding to the separate network address.

21. (Original) The method of claim 20, further comprising the step of retrieving local information from the intranet, the local information comprising one or more of: cross-box locations, pricing information, service information cable records, and plat records.

22. (Original) The method of claim 21, further comprising the step of returning to the systems interface.

23. (Currently Amended) A computer-readable medium having instructions for performing acts comprising:

authenticating a computer attempting to log onto a systems interface to legacy systems;

providing access to the systems interface, the systems interface corresponding to at least one network address and including a protocol server that manages protocol with the computer and a transaction server in direct communication with the legacy systems;

receiving and processing at the systems interface a request for access to an intranet that is distinct from the legacy systems;

sending a message to the computer, the message causing the computer to launch a software application that seeks out a separate network address on the intranet; and

directing communications from the computer from the systems interface to the separate network address by the protocol server bypassing the transaction server by directing the communications from the computer directly to the intranet; and

communicating with both the at least one network address and the separate network address such that communication with the legacy systems and the intranet is maintained concurrently and wherein at least some of the data on the legacy system ~~or~~ some of the data on the intranet is non-web-formatted in a legacy based protocol that is incompatible with communication via an internet browser both at the respective ~~intranet~~ ~~or~~ legacy system and when being communicated to the user.

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) The method of claim 23, wherein the request is based on user selection of an icon or a software button.

27. (Previously Presented) The method of claim 23, wherein the message comprises an application program interface command and wherein the software application is a browser.

28. (Currently Amended) A system for permitting a user to access data by employing a computer to access information from legacy systems, wherein the computer is running application-specific client software to access the information from legacy systems and wherein the application-specific client software displays a first window with a software button that can be engaged to initiate a request for access to an intranet, the system comprising:

a systems interface to the legacy systems, the systems interface including a protocol server and a transaction server, the protocol server having a first network address and the transaction server having a separate network address;

wherein the transaction server issues at least one message in response to the request, the at least one message causing the computer to launch a browser application as a second window, and the at least one message causing communications from the computer to be directed from the first network address to a third network address corresponding to the intranet that is distinct from the legacy systems by the protocol server bypassing the transaction server by ~~direction~~ communication[[s]] from the computer directly to the intranet, wherein communicating with both the first network address and the third network address such that communication with the legacy systems and the intranet is maintained concurrently and wherein ~~at least one of the data at the intranet and the data at the legacy system is non-web-formatted in a legacy based protocol that is incompatible with communication via an internet browser~~ both at the respective intranet or legacy system and when being communicated to the user.

29. (New) The system of claim 1 wherein the legacy based protocol is Mobitex.

30. (New) The system of claim 11 wherein the legacy based protocol is Mobitex.

31. (New) The system of claim 23 wherein the legacy based protocol is Mobitex.